

PROJECT DESIGN INFORMATION MEMO – Wastewater

Project Number _____
Project Name _____
Prepared By _____ Date: _____
Reviewed By _____ Date: _____
Last Update By _____ Date: _____

PROJECT SCHEDULE

PS&E Plan Submittal _____
Estimated Construction End Date _____

PROJECT DESCRIPTION - Project Scope of Work, Location, and Limits:

- *Project Location and Limits / General Description*
- *Project Scope, Purpose and Need - Objectives to accomplish / Any Specific Requirements*
- *Scope of Work – (Wastewater – list of specific types) (Additional Items - Grading, Paving, Storm Drainage, Water, Landscaping, Pavement Marking, Erosion Control, etc.)*

DESIGN CRITERIA *City of Lincoln Standard Specifications for Municipal Construction. The following are the proposed design controls for the project:*

Classification: *Residential, Commercial, or Industrial*

Watershed Area (acres): _____ Total Design Flow (cfs): _____
Pipe Material: _____ Minimum Pipe Size (inches): 8
Minimum Pipe Slopes (ft/ft): _____

Nominal Pipe Diameter (in.)	Minimum Slope (ft/ft)
8	0.00400
10	0.00280
12	0.00220
15	0.00180
18	0.00120
21	0.00100
24	0.00080
27	0.00067
30	0.00058
36	0.00046

Horizontal Parameters:

Horizontal Alignment: *Offset x' (north/south/east/west) from centerline of existing street*

Minimum Separation from Water Lines (ft): *10 ft.*

(Exceptions may be permitted with approval of the Nebr. Dept. of Environmental Quality)

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Vertical Parameters:

Standard Depth Required (ft): 9 ft. to 11 ft. (verify with future street grade condition)
(Depths greater than 15 ft. require approval of the Public Works and Utilities Department)
Minimum Separation from Water Lines (ft): 18" clearance from bottom of Water pipe to top of Wastewater pipe.
(Exceptions may be permitted with approval of the Nebr. Dept. of Environmental Quality)

Manhole Placement and Spacing:

Manholes shall be placed at changes in grade, changes in size, changes in alignment, wastewater intersections and points of reverse curvature in curvilinear alignments.
Maximum Spacing (ft): 600 ft. for straight sewer alignments; 400 ft. for curvilinear alignments
Elevations of Manhole tops shall be set 1.0 ft. above the 100 year flood (water-surface) elevation.

Right of Way

Required Permanent Easement Width: 30 feet

ROW Acquisition Anticipated:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated Number of Tracts _____
Permanent Easements Anticipated:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated # of Tracts _____ PE Only
Temporary Easements Anticipated:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated # of Tracts _____ TE Only
Control of Access Required:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Estimated Total Tracts _____ *
Relocations Required:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	* Tracts + PE Only + TE Only
Replacement of Utility Easements^	<input type="checkbox"/> Yes	<input type="checkbox"/> No	^See Stakeholder Checklist for Specifics

Traffic

Through traffic to be accommodated during construction: ☐ Yes ☐ No

If No, Possible Detour Route(s): _____

Special access issues to be aware of: _____

Lane closures allowed during peak hours: ☐ Yes ☐ No If yes, document approval

Miscellaneous Policies:

Provisions for Future Extension Needed: _____

Comments: _____

Special Tapping Restrictions Needed _____

Comments: _____

Railroad or Highway Crossing Anticipated: _____

Comments: _____